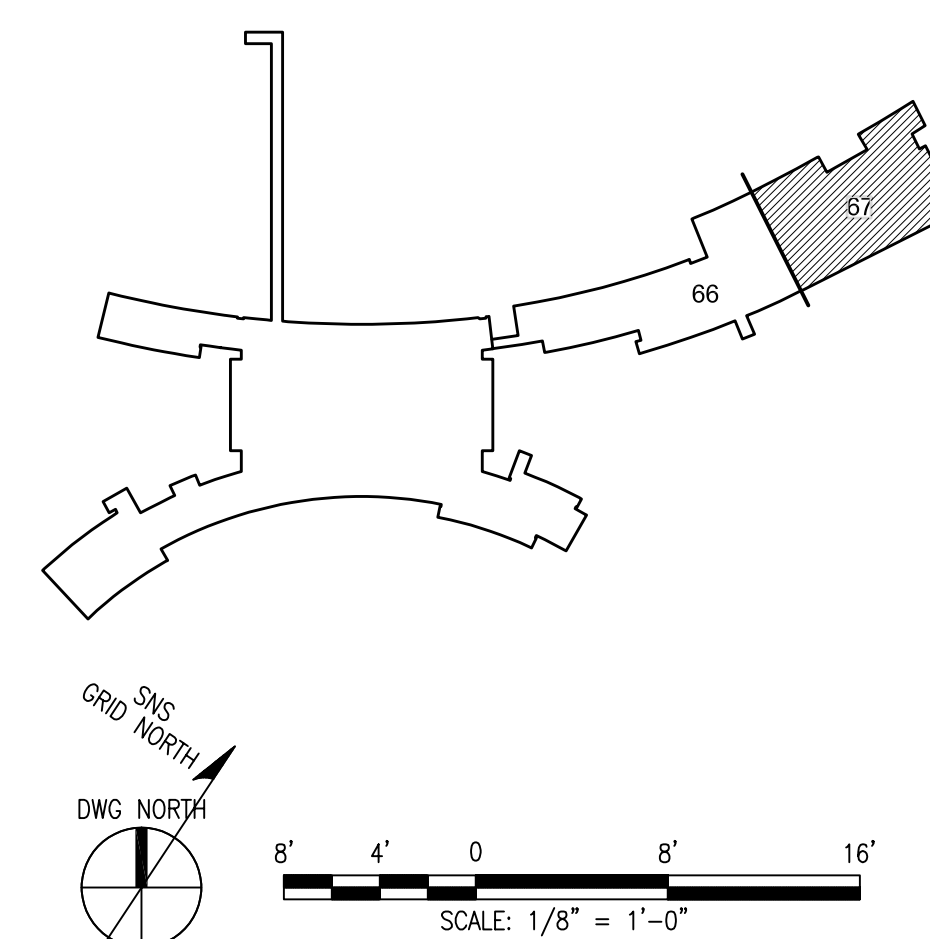
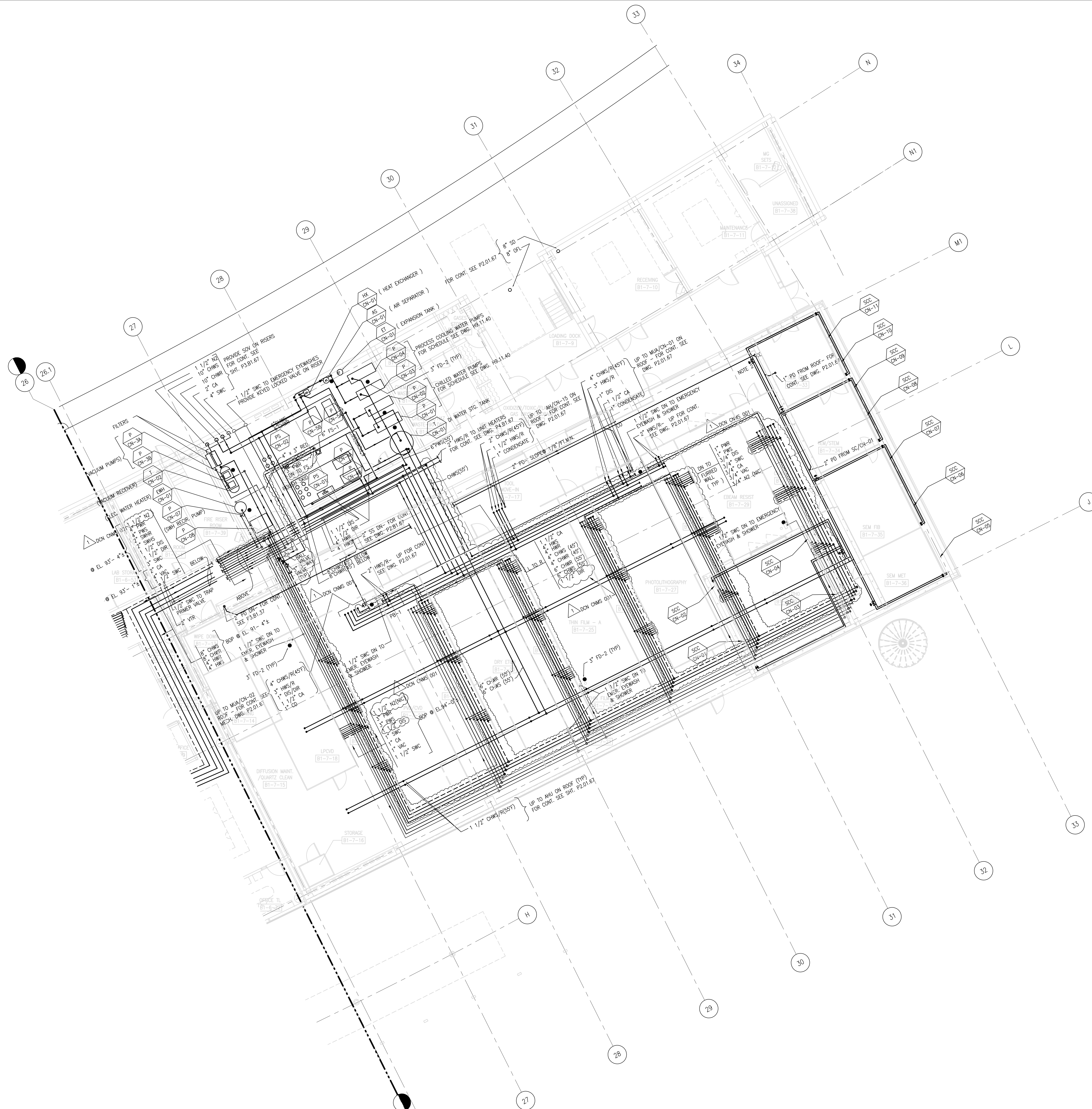


1. FOR PIPE SUPPORT SPACING REFER TO SPECIFICATIONS.
2. LOCATE CONTROL VALVES FOR SEM AREAS IN ACCESSIBLE LOCATIONS, IN THE RETURN AIR CHASES.
3. PROVIDE CONTINUOUS CRADLE PIPE SUPPORT ON DIS AND DIR HORIZONTAL RUN.



ORNL DRAWING NUMBER

Knight/Jacobs Joint Venture  
701 Scarboro Road, MS 825  
Oak Ridge, TN 37830  
865-241-9433  
fax 865-241-3400

M+W Zander U.S. Operations, Inc.  
549 West Randolph Street  
Chicago, IL 60661  
Telephone: (312) 577-3200  
Fax: (312) 577-3525

m+w zander

Oak Ridge National Laboratory  
managed for the DEPARTMENT OF ENERGY under  
U.S. GOVERNMENT CONTRACT NO. DE-AC05-84OR21400

PROJECT NAME

PROJECT NAME:	CENTER FOR NANOPHASE MATERIALS SCIENCES
PIPING FLOOR PLAN	
LEVEL B1 - SECTOR 67	

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	P	X	X	8	8610		1	1	P	U
51	NC	52	NA	53	A/E DRAWING NUMBER:	P2.B1.67				REV 0

NUMBER OF SECTION OR DETAIL

DRAWING ON WHICH SECTION OR DETAIL IS SHOWN OR TAKEN

SECTION AND DETAIL KEY

THIS DOCUMENT  
CONTROLLED BY  
CHANGE CONTROL  
SYSTEM \_\_\_\_\_  
ENGINEERING  
PROCEDURE

[illegible]

RPE	
REV.	DATE
DRAWING	